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| - | 5 | ("5185860" "5557748" "5596723" "5617540" "5668952").PN. | USPAT | 2004/04/07 10:08 |
| - | 57 | 5835720.URPN. | USPAT | 2004/04/07 10:08 |
| - | 13 | ("5097469" "5185860" "5668952" "5687320" "5724510" "5805818" "5835720" "5838907" "5841775" "5862404" "5968116" "6032193" "6061722").PN. | USPAT | 2004/04/07 10:10 |
| - | 0 | search\$ same device same IP same cycling | USPAT; US-PGPUB | 2004/04/07 10:12 |
| - | 192 | search\$ same IP same rang\$ | USPAT; US-PGPUB | 2004/04/07 10:45 |
| - | 122 | IP same rang\$ same (iterat\$ or increment\$) | USPAT; US-PGPUB | 2004/04/07 10:52 |
| - | 9 | IP same rang\$ same (iterat\$ or increment\$) and network same discover\$ | USPAT; US-PGPUB | 2004/04/07 10:53 |
| - | 86 | IP same rang\$ same (iterat\$ or increment\$) and network | USPAT; US-PGPUB | 2004/04/07 10:53 |
| - | 0 | 6574664.URPN. | USPAT | 2004/04/07 10:57 |
| - | 20 | ping near3 sweep | USPAT; US-PGPUB | 2004/04/07 11:01 |
| - | 6 | query\$ near3 IP near3 address same (range or subset) | USPAT; US-PGPUB | 2004/04/07 15:08 |
| - | 19 | ARP same address near3 space | USPAT; US-PGPUB | 2004/04/07 15:09 |
| - | 32 | ARP same IP near3 address same (iterat\$ or increment\$) | USPAT; US-PGPUB | 2004/04/07 15:13 |
| - | 91 | ARP same IP near3 address same discover\$ | USPAT; US-PGPUB | 2004/04/07 15:15 |
| - | 18 | ARP same octet | USPAT; US-PGPUB | 2004/04/08 11:41 |
| - | 119 | ARP same address same (vlan or (virtual near3 network)) | USPAT; US-PGPUB | 2004/04/08 11:43 |
| - | 1246 | ARP and address same (discovery or search or identify) | USPAT; US-PGPUB | 2004/04/08 11:43 |
| - | 806 | ARP and address same (discovery or search or identify) same IP | USPAT; US-PGPUB | 2004/04/08 11:44 |
| - | 344 | ARP and address same (discovery or search or identify) same IP and increment\$ | USPAT; US-PGPUB | 2004/04/08 11:45 |
| - | 174 | ARP and address same (discovery or search or identify) same IP and increment\$ same address | USPAT; US-PGPUB | 2004/04/08 11:45 |
| - | 0 | node near3 discovery same filter same content | USPAT; US-PGPUB | 2004/04/13 13:31 |
| - | 2 | node near3 discovery same filter same server | USPAT; US-PGPUB | 2004/04/13 14:14 |
| - | 14 | ("4800488" "5167035" "5581704" "5596574" "5619716" "5627766" "5628005" "5642515" "5644717" "5655081" "5659787" "5680551" "5687320" "5862326").PN. | USPAT | 2004/04/13 13:43 |
| - | 6 | 6101528.URPN. | USPAT | 2004/04/13 13:43 |
| - | 2 | (node or server) near3 discovery same filter same (content or application) | USPAT; US-PGPUB | 2004/04/13 14:15 |
| - | 0 | (node or server) near3 discovery same filter same address same specified | USPAT; US-PGPUB | 2004/04/13 14:15 |
| - | 0 | (node or server) near3 discovery same filter same address same content | USPAT; US-PGPUB | 2004/04/13 14:20 |
| - | 67 | discovery same (node or server) and (check or verify) near3 content | USPAT; US-PGPUB | 2004/04/13 14:25 |
| - | 110 | discovery same (node) and (check\$ or verif\$ or identif\$) near3 content | USPAT; US-PGPUB | 2004/04/13 14:33 |
| - | 529 | (list or range) same (node or server) same avail\$ and filter same content | USPAT; US-PGPUB | 2004/04/13 14:33 |
| - | 52 | (list or range) same (node or server) same available and filter same content | USPAT; US-PGPUB | 2004/04/13 14:35 |
| - | 513 | (list or range) same (node or server) same available and filter same content | USPAT; US-PGPUB | 2004/04/13 14:36 |

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| - | 404 | (list or range) same (node or server) same available and filter same content and filter same user | USPAT; US-PGPUB | 2004/04/13 14:36 |
| - | 36 | (list or range) same (node or server) same available and filter same content same filter near6 list | USPAT; US-PGPUB | 2004/04/13 14:46 |
| - | 13 | ("4652990" "4745559" "4791565" "5263157" "5339403" "5375244" "5388211" "5479612" "5627967" "5675782" "5678041" "5696898" "5884033").PN. | USPAT | 2004/04/13 14:43 |
| - | 275 | (server or node) same discovery same content | USPAT; US-PGPUB | 2004/04/13 14:47 |

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| - | 3276 | network same (monitor\$ or discover\$) and (query or ping or message) and IP near3 address and (increment\$ or iterat\$ or rang\$) and (table or database or list or record) and (repl\$ or response) and Internet | USPAT; US-PGPUB | 2003/10/20 10:43 |
| - | 5 | ("5185860" "5557748" "5596723" "5617540" "5668952").PN. | USPAT | 2003/10/20 10:47 |
| - | 5 | ("4532625" "5109486" "5115495" "5121390" "5125075").PN. | USPAT | 2003/10/20 10:49 |
| - | 2461 | (709/224).CCLS. | USPAT; US-PGPUB | 2003/10/20 10:52 |
| - | 5834 | ((709/224).CCLS.) and IP near3 address same increment or iterate | USPAT; US-PGPUB | 2003/10/20 10:53 |
| - | 13 | ((709/224).CCLS.) and IP near3 address same (increment or iterate) | USPAT; US-PGPUB | 2003/10/20 10:54 |
| - | 69 | ((709/224).CCLS.) and address same (increment or iterate) | USPAT; US-PGPUB | 2003/10/20 10:58 |
| - | 79 | network same monitor\$ and range same address same query | USPAT; US-PGPUB | 2003/10/20 10:59 |
| - | 11 | "5787252" | USPAT; US-PGPUB | 2003/10/21 11:15 |
| - | 1 | ("5185860").PN. | USPAT; US-PGPUB | 2003/10/21 11:15 |
| - | 2464 | (709/224).CCLS. | USPAT; US-PGPUB | 2003/10/21 13:47 |
| - | 1 | ((709/224).CCLS.) and (ping or poll\$3 or messag\$) same device and search near3 engine and IP near3 range | USPAT; US-PGPUB | 2003/10/21 13:53 |
| - | 1 | ((709/224).CCLS.) and device and search near3 engine and IP near3 range | USPAT; US-PGPUB | 2003/10/21 13:53 |
| - | 47 | ((709/224).CCLS.) and device and IP near3 range | USPAT; US-PGPUB | 2003/10/21 13:53 |
| - | 47 | ((709/224).CCLS.) and device and search near3 engine and IP near3 address | USPAT; US-PGPUB | 2003/10/21 13:55 |
| - | 667 | ((709/224).CCLS.) and (detect or poll or locate or message or ping) same device same network | USPAT; US-PGPUB | 2003/10/21 14:26 |
| - | 107 | ((709/224).CCLS.) and (detect or poll or locate or message or ping) same device same network) and (hault or pause or discontinue or time-out or (time near3 out)) | USPAT; US-PGPUB | 2003/10/21 14:36 |
| - | 2 | ((709/224).CCLS.) and (detect or poll or locate or message or ping) same device same network) and application same time-out | USPAT; US-PGPUB | 2003/10/21 14:37 |
| - | 31 | ((709/224).CCLS.) and (detect or poll or locate or message or ping) same device same network) and process and time-out | USPAT; US-PGPUB | 2003/10/21 14:38 |
| - | 5 | ((709/224).CCLS.) and (detect or poll or locate or message or ping) same device same network) and process same time-out | USPAT; US-PGPUB | 2003/10/21 14:42 |
| - | 0 | web near3 crawler same ((predetermined near3 time same elapsed) or time-out) | USPAT; US-PGPUB | 2003/10/21 14:43 |
| - | 0 | web near3 crawler same timeout | USPAT; US-PGPUB | 2003/10/21 14:43 |
| - | 0 | web near3 crawler same time-out | USPAT; US-PGPUB | 2003/10/21 14:43 |
| - | 407 | web near3 crawler | USPAT; US-PGPUB | 2003/10/21 14:44 |
| - | 124 | search near3 engine and ((709/224).CCLS.) | USPAT; US-PGPUB | 2003/10/21 14:44 |
| - | 4 | search near3 engine and ((709/224).CCLS.) and time-out | USPAT; US-PGPUB | 2003/10/21 14:47 |
| - | 3508 | search near3 engine and update | USPAT; US-PGPUB | 2003/10/21 14:47 |
| - | 1935 | search near3 engine and update same (duration time night periodic\$) | USPAT; US-PGPUB | 2003/10/21 14:48 |
| - | 20 | search near3 engine and update same (night) | USPAT; US-PGPUB | 2003/10/21 14:49 |

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| - | 264 | search near3 engine and update same (periodic) | USPAT; | 2003/10/21 |
| - | 35 | search near3 engine and update same (periodic) same network | US-PGPUB | 14:50 |
| - | 337 | search near3 engine and update same (time) same network | USPAT; | 2003/10/21 |
| - | 27 | search near3 engine and update same (interval) same network | US-PGPUB | 14:51 |
| - | 10 | spider and update same (interval) same network | USPAT; | 2003/10/21 |
| - | 0 | spider and update same night same network | US-PGPUB | 14:52 |
| - | 2 | spider and update same predetermined same time same network | USPAT; | 2003/10/21 |
| - | 329 | IP near3 (address or range) same increment\$ and network and (query or node or device or ping) | US-PGPUB | 14:53 |
| - | 47 | IP near3 (address or range) same increment\$ and network and (ping) | USPAT; | 2003/10/21 |
| - | 329 | IP near3 (address or range) same step and network and (ping) | US-PGPUB | 14:54 |
| - | 19 | IP near3 (address or range) same iterat\$ and network and (ping) | USPAT; | 2003/10/21 |
| - | 275 | application same network same (execution or run) same predetermined | US-PGPUB | 14:54 |
| - | 124 | application same network same (execution or run) same predetermined and (ping or (query same device or node)) | USPAT; | 2003/10/21 |
| - | 39 | application same network same (execution or run) same predetermined and (ping or (query same (device or node))) | US-PGPUB | 14:55 |
| - | 321 | network same run near3 time and (query or ping) same (node or device) | USPAT; | 2003/10/23 |
| - | 3 | web near4 crawler and run near3 time same predetermined | US-PGPUB | 08:45 |
| - | 6 | spider and run near3 time same predetermined | USPAT; | 2003/10/23 |
| - | 37 | web near3 crawler and run near3 time | US-PGPUB | 08:54 |
| - | 71 | web near3 crawler and time same interval | USPAT; | 2003/10/23 |
| - | 417 | search near3 engine and query same network same (node or device) | US-PGPUB | 08:56 |
| - | 77 | search near3 engine and query same network same (node or device) and predetermined near3 time | USPAT; | 2003/10/23 |
| - | 786 | network near3 (node or device) same discovery and (application or run or time or period or night or interval) | US-PGPUB | 08:56 |
| - | 431 | network near3 (node or device) same discovery and (time same (run or length) or night or interval) | USPAT; | 2003/10/23 |
| - | 271 | network near3 (node or device) same discovery and (time same (run or length) or night or interval) and (ping or query) | US-PGPUB | 15:02 |
| - | 10 | network near3 (node or device) same discovery and (stop same time same predetermined) and (ping or query) | USPAT; | 2003/10/23 |
| - | 0 | update\$ same network same topology same night | US-PGPUB | 15:05 |
| - | 176 | update\$ same network same topology same period\$ | USPAT; | 2003/10/23 |
| - | 88 | update\$ same network same topology same period\$ near3 updat\$ | US-PGPUB | 15:07 |
| - | 10 | network and increment near5 address same (ping or message) same rang\$ | USPAT; | 2003/10/23 |
| - | 221 | network and increment near5 address same (ping or message) | US-PGPUB | 15:09 |
| - | 25 | network and increment near5 address same (IP) | USPAT; | 2003/10/23 |
| - | 6 | ("5185860" "5828844" "5835720" "5854901" "5982753" "6101188").PN. | US-PGPUB | 15:11 |
| | | | USPAT | 2003/10/23 |
| | | | | 15:25 |
| | | | | 15:26 |
| | | | | 15:29 |
| | | | | 2003/10/23 |
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| | | | | 08:46 |
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| | | | | 10:05 |
| | | | | 2004/04/07 |
| | | | | 10:06 |
| | | | | 2004/04/07 |
| | | | | 10:11 |
| | | | | 2004/04/07 |
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|----------|-------|---|--------------------|---------------------|
| 4 | 3387 | (709/224).CCLS. | USPAT; US-PGPUB | 2004/11/05 10:09 |
| 5 | 4805 | (709/203).CCLS. | USPAT; US-PGPUB | 2004/11/05 10:09 |
| 6 | 374 | (709/242).CCLS. | USPAT; US-PGPUB | 2004/11/05 10:09 |
| 7 | 521 | (709/239).CCLS. | USPAT; US-PGPUB | 2004/11/05 10:09 |
| 8 | 8608 | ((709/224).CCLS.) or ((709/203).CCLS.) or | USPAT; US-PGPUB | 2004/11/05 10:09 |
| 10 | 2408 | ((709/242).CCLS.) or ((709/239).CCLS.) | USPAT; US-PGPUB | 2004/11/05 10:11 |
| | | or ((709/242).CCLS.) or | | |
| | | ((709/239).CCLS.) and (increment\$ or | | |
| | | step or stepping) same address | | |
| 11 | 827 | ((709/224).CCLS.) or ((709/203).CCLS.) | USPAT; US-PGPUB | 2004/11/05 10:11 |
| | | or ((709/242).CCLS.) or | | |
| | | ((709/239).CCLS.) and (increment\$ or | | |
| | | step or stepping) same address same IP | | |
| 12 | 266 | ((709/224).CCLS.) or ((709/203).CCLS.) | USPAT; US-PGPUB | 2004/11/05 10:11 |
| | | or ((709/242).CCLS.) or | | |
| | | ((709/239).CCLS.) and (increment\$ or | | |
| | | step or stepping) same address same IP | | |
| | | same number | | |
| 13 | 1 | | USPAT | 2004/11/05 10:12 |
| 14 | 1 | | USPAT | 2004/11/05 10:12 |
| 15 | 55 | 5675741.URPN. | USPAT | 2004/11/05 10:36 |
| 16 | 7 | ("5056085" "5057987" "5289468" | USPAT | 2004/11/05 10:36 |
| | | "5355453" "5530963" "5541911" | | |
| | | "5550984").PN. | | |
| - | 1 | ("5542047").PN. | USPAT; US-PGPUB | 2003/10/20 10:52 |
| - | 1 | ("5596723").PN. | USPAT; US-PGPUB | 2003/10/17 13:39 |
| - | 0 | ("57410885").PN. | USPAT; US-PGPUB | 2003/10/17 13:39 |
| - | 1 | ("5710885").PN. | USPAT; US-PGPUB | 2003/10/17 13:39 |
| - | 1 | ("5835720").PN. | USPAT; US-PGPUB | 2003/10/20 10:32 |
| - | 12 | network same monitor\$ and IP near3 | USPAT; US-PGPUB | 2003/10/20 10:34 |
| | | address same (iterat\$ or increment\$) same | | |
| | | (node or address or range) and (response | | |
| | | near3 (record or database)) | | |
| - | 49995 | network same monitor\$ or discover\$ and | USPAT; US-PGPUB | 2003/10/20 10:36 |
| | | (query or ping or message) and IP near3 | | |
| | | address and (increment\$ or iterat\$ or | | |
| | | rang\$) | | |
| - | 3715 | network same (monitor\$ or discover\$) and | USPAT; US-PGPUB | 2003/10/20 10:38 |
| | | (query or ping or message) and IP near3 | | |
| | | address and (increment\$ or iterat\$ or | | |
| | | rang\$) | | |
| - | 3549 | network same (monitor\$ or discover\$) and | USPAT; US-PGPUB | 2003/10/20 10:39 |
| | | (query or ping or message) and IP near3 | | |
| | | address and (increment\$ or iterat\$ or | | |
| | | rang\$) and (table or database or list) | | |
| - | 3599 | network same (monitor\$ or discover\$) and | USPAT; US-PGPUB | 2003/10/20 10:40 |
| | | (query or ping or message) and IP near3 | | |
| | | address and (increment\$ or iterat\$ or | | |
| | | rang\$) and (table or database or list or | | |
| | | record) | | |
| - | 3435 | network same (monitor\$ or discover\$) and | USPAT; US-PGPUB | 2003/10/20 10:42 |
| | | (query or ping or message) and IP near3 | | |
| | | address and (increment\$ or iterat\$ or | | |
| | | rang\$) and (table or database or list or | | |
| | | record) and (repl\$ or response) | | |